

Name: _____

ml1112paper: Solve by factoring (v5)

1. Solve the equation

$$x^2 - 81 = 0$$

2. Solve the equation

$$x^2 - 2x - 15 = 0$$

3. Solve the equation

$$5x^2 + 2x + 24 = 4x^2 - 7x + 6$$

4. Solve the equation

$$6x^2 + 25x + 66 = 5x^2 + 8x - 6$$

5. Solve the equation

$$3x^2 + 2x - 16 = 0$$

6. Solve the equation

$$5x^2 + 48x + 64 = 0$$

7. Solve the equation

$$12x^2 - 55x - 12 = 5x^2 + 7x - 3$$

8. Solve the equation

$$7x^2 + 49x + 65 = 2x^2 - 3x + 2$$